

Pesticide Usage on Upland Cotton: Louisiana, 2003¹

Active Ingredient	Area Applied <i>Percent</i>	Applications <i>Number</i>	Rate per Application	Rate per Crop Year	Total Applied
			-----Pounds per Acre-----		<i>1,000 lbs.</i>
Herbicides					
2,4-D	22	1.0	0.88	0.90	105
Carfentrazone-ethyl	20	1.1	0.03	0.04	4
Diuron	69	1.2	0.57	0.69	250
Fluometuron	11	1.1	0.72	0.81	48
Glyphosate	88	1.9	0.71	1.39	644
Glyphosate diam salt	8	2.3	0.87	2.05	88
MSMA	24	1.6	0.85	1.37	175
Prometryn	13	1.8	0.34	0.62	42
Pyrithiobac-sodium	7	1.1	0.04	0.05	2
Sulfosate	6	1.4	1.19	1.68	52
Insecticides					
Acephate	61	2.2	1.51	3.43	1,096
Aldicarb	23	1.0	0.53	0.53	65
Cyfluthrin	17	1.4	0.03	0.05	5
Cypermethrin	45	1.8	0.06	0.12	29
Dicrotophos	34	1.8	0.30	0.56	100
Imidacloprid	16	1.3	0.04	0.05	4
Lambda-cyhalothrin	32	1.5	0.02	0.03	6
Malathion	27	3.8	1.14	4.42	619
Methyl parathion	6	1.2	0.51	0.63	20
Profenofos	10	1.5	0.51	0.78	39
Spinosad	9	1.1	0.06	0.07	4
Thiamethoxam	9	2.1	0.03	0.06	3
Zeta-cypermethrin	26	1.6	0.03	0.05	7
Fungicides					
Azoxystrobin	15	1.0	0.08	0.08	7
Other Chemicals					
Bacillus cereus ²	14	2.3			
Ethephon	70	1.0	0.88	0.93	340
Mepiquat chloride	41	2.5	0.05	0.14	29
Monocarbamide dihyd.	7	1.0	2.77	2.77	95
Thidiazuron	82	1.0	0.11	0.11	48
Tribufos	36	1.0	0.44	0.47	90

¹ Louisiana's 2003 planted acreage totaled 525,000 acres.

² Rates and total applied are not available because amounts of active ingredient are not comparable between products.